

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10202

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> H04J11/00, H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> H04J11/00, H04B1/707

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	JP 2002-1648640 A (Matsushita Electric Industrial Co., Ltd.), 07 June, 2002 (07.06.02), Figs. 12, 14 & WO 02/43293 A1 & AU 200224071 A & EP 1248401 A1 & US 2003/0012126 A1 & CN 1397119 A	1-4, 6-10, 21 5, 11-14, 16-20, 22 15, 23-27
Y	JP 2002-050984 A (Fujitsu Ltd.), 15 February, 2002 (15.02.02), Par. No. [0005] & US 2002/0015438 A1	11-14, 16-20, 22

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search  
07 November, 2003 (07.11.03)Date of mailing of the international search report  
18 November, 2003 (18.11.03)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

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